

PATENT APPLICATION

Sheet 1 of 1



FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10015588-1

APPLICATION NO.

09/992,864

CONFIRMATION NO.

APPLICANT

Jeffrey L. Deeney

FILING DATE

11/16/01

GROUP

2841

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
HB	1A	4,164,003	8/7/1979	Cutchaw	
HB	1B	4,581,680	4/8/1986	Garner	
HB	1C	4,886,571	12/12/1989	Suzuki et al.	
HB	1D	5,239,198	8/24/1993	Lin et al.	
HB	1E	5,905,636	5/18/1999	Baska et al.	
HB	1F	5,956,576	9/21/1999	Toy et al.	
HB	1G	5,978,229	11/2/1999	Kim	
HB	1H	5,990,418	11/23/1999	Bivona et al.	
	1I				
	1J				
	1K				

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER

Hung Bui

DATE CONSIDERED

1/23/04.

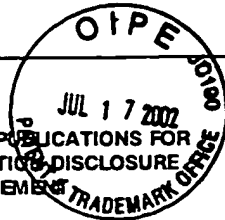
PATENT APPLICATION

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FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT OF TRADEMARK OFFICE

(Use several sheets if necessary)



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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
HB	1A	4,545,610	10/08/1985	Lakritz et al.	
HB	1B	5,222,014	06/22/1993	Paul T. Lin	
HB	1C	5,541,450	07/30/1996	Jones et al.	
HB	1D	5,805,427	09/08/1998	Paul R. Hoffman	
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

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PATENT APPLICATION

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FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
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STATEMENT

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	2A					
	2B					
	2C					
	2D					
	2E					
	2F					
	2G					
	2H					
	2I					
	2J					
	2K					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	2L							
	2M							
	2N							
	2O							
	2P							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

HB	2Q	Jeffrey L. Deeney et al, patent application filed on November 16, 2001 titled Method And Apparatus Of Supporting Circuit Component Having A Solder Column Array Using Interspersed Rigid Columns, Attorney Docket No. 10015587-1, Pages 1-9 and 1 sheet of a drawing.
HB	2R	Jeffrey L. Deeney et al., patent application filed on November 16, 2001 titled Method And Apparatus For Supporting A Circuit Component Having A Solder Column Interconnects Using An External Support, Attorney Docket No. 10015590-1, Pages 1-15 and 2 sheets of drawings.
	2S	

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FORM PTO-1449	ATTY. DOCKET NO. 10015588-1	APPLICATION NO.	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Jeffrey L. Deeney		
(Use several sheets if necessary)	FILING DATE	GROUP 2841	

1c872 U.S. PTO
09/992864

11/16/01

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
HB	1A	5,244,143	09/14/93	Thomas G. Ference		
↑	1B	5,557,503	09/17/96	Phillip Isaacs		
	1C	5,615,735	04/01/97	Stuart Yoshida		
	1D	5,926,370	07/20/99	S. Daniel Cromwell		
	1E	6,061,235	05/09/00	S. Daniel Cromwell		
	1F	6,084,178	07/04/00	S. Daniel Cromwell		
	1G	6,198,630	03/06/01	S. Daniel Cromwell		
	1H	6,231,333	05/15/01	Peter Alfred Gruber		
↓	1I	6,235,996	05/22/01	Shaji Farooq		
HB	1J	6,276,596	08/21/01	Peter A. Gruber		
	1K					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L							
	1M							
	1N							
	1O							
	1P							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

HB	1Q	Thomas P. Dolbear et al., Effect of Mechanical Shock and Vibration on the Second-level Temperature Cycling Reliability of Ceramic Ball Grid Arrays with a Continuous Compressive Load Applied, 5 unnumbered pages.
HB	1R	R. Bargerhuff et al., Development of a Large Heatsink Support Structure, 12 unnumbered pages.
HB	1S	Thomas J. Augustin et al., patent application filed on November 16, 2001 titled Method And Apparatus For Shock And Vibration Isolation Of A Circuit Component, Attorney Docket No. 10014433-1, Pages 1-15 and 2 sheets of drawings.

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1/23/04